

**AMENDMENTS TO THE CLAIMS:**

Claims 1-5 (Canceled).

Claim 6. (Currently Amended) A supporting mechanism for an optical disc reproducing apparatus, comprising:

a box;

a main frame for mounting a spindle motor to rotate an optical disc and a pickup to read the optical disc thereon, the main frame being connected to the box through first elastic members; and

a sub-frame connected to the main frame through second elastic members;

wherein the whole mass of the sub-frame ~~including mounted members~~ is 1/10 -1/3 of the whole mass of the main frame ~~including mounted members~~, not including the whole mass of the sub-frame mass.

Claim 7. (Previously Presented) The supporting mechanism according to claim 6, wherein the sub-frame has a shape of a flat plate.

Claim 8. (Previously Presented) The supporting mechanism according to claim 6, wherein the sub-frame contains at least metal.

Claim 9. (Previously Presented) The supporting mechanism according to claim 6, wherein a center of balance of the sub-frame is on a rotating shaft of the spindle motor.

Claim 10. (Previously Presented) The supporting mechanism according to claim 6, wherein the elastic members are made of one of rubber and plastic.

Claim 11. (Currently Amended) The supporting mechanism according to claim 6, wherein ~~the mounted members~~ on the main frame comprise comprises the spindle motor, the pickup, a turntable, and guide rails.